

## Region 3 GPRA 2020 Baseline RCRA Corrective Action Facility

# Shenandoah Recycling, Inc.

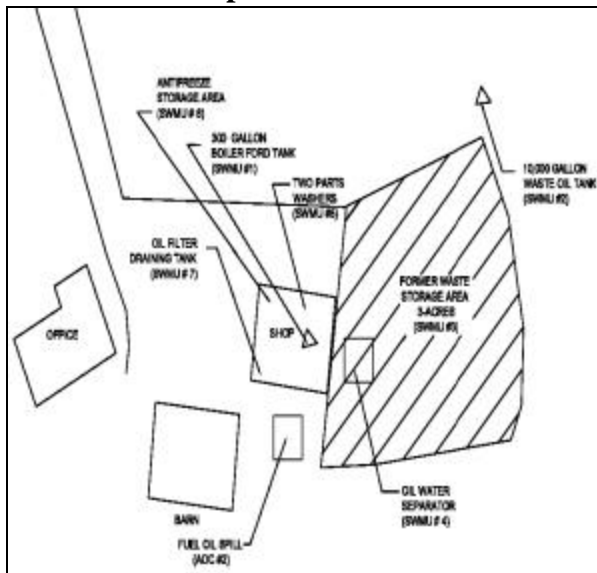
1081 New Hope Road  
Staunton, VA 24402  
Congressional District 6  
EPA ID Number: VAD083045823  
Last Updated: 01/08/2009

**Topographic Site Map**



Staunton and Fort Defiance, VA USGS Quadrangles, Scale= 1:2,000

**Partial Site Map**



Not to Scale

## **Current RCRA CA Activities**

The U.S. Environmental Protection Agency (EPA) is the lead regulatory agency for oversight of Corrective Action (CA) at the Shenandoah Recycling, Inc. (Shenandoah) facility under the Resource Conservation and Recovery Act.

The Shenandoah facility site is on the RCRA CA 2020 GPRA Baseline Universe List (2020 CA Universe List) and was ranked as a medium priority site under the National Corrective Action Prioritization System (NCAPS).

In Virginia, the U.S. Environmental Protection Agency (EPA) and the DEQ are conducting CA site assessments and evaluations of facilities on the 2020 CA Universe List, which were ranked medium, low, or unranked under NCAPS. The facility site assessments and evaluations are

being conducted with primary assistance from an EPA contracted consultant. The evaluations and findings in the CA site assessment are documented in a Final RCRA CA Site Visit Report, dated March 14, 2007, for the subject facility.

The facility specific Final CA Site Visit Report is essentially a Phase I Site Assessment Report, which includes facility information documented from the site visits, site meetings, and the administrative record established from file searches of the DEQ's Central Office, Office of Hazardous Waste (OHW) files, the DEQ's Regional Office files (all media), and the EPA's RCRA files or records.

The Final CA Site Visit Report provides an inventory of a facility's Hazardous Waste Management units (HWMUs), Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs), a preliminary assessment of the SWMUs and AOCs based upon the evaluation and findings of the researched administrative record, the site visit, engineered controls, available environmental data, waste characteristics, the past regulatory oversight of operations and closure of SWMUs and AOCs, and the perceived potential risk to human health and the environment posed by the facility from actual or potential releases of hazardous waste or hazardous constituents to the environment, potential migration pathways, potential target receptors, etc.

In Virginia, the Final CA Site Visit Report will be a primary basis to determine if many of the facilities on the 2020 CA Universe List will need a CA investigation to assess potential releases of hazardous waste or hazardous constituents from the facility's SWMUs or AOCs or if the EPA and the DEQ may recommended No-further Action (NFA) for CA for the site under the RCRA Regulations.

On November 7, 2006, a CA site visit was performed by the EPA, the DEQ, the EPA contracted consultant, and representatives of Shenandoah to assess and evaluate the facility regarding the potential need for CA.

On March 14, 2007, a Final RCRA CA Site Visit Report, dated March 2007, was submitted to the EPA and DEQ, by Tetra Tech EC, Inc.

The EPA Region III and the DEQ will develop a Statement of Basis and public notice proposing NFA for CA for the Shenandoah facility site based upon the evaluations and findings documented in Final RCRA CA Site Visit Report, dated March 2007.

A final decision or determination of whether CA is complete for the facility will be made by the EPA based upon the response to comments received during the forthcoming public notice period for the proposed NFA for CA for the facility site.

## Site Description

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The approximately 200-acre Shenandoah facility is located along Route 254 in Staunton, Augusta County, Virginia. The facility is located in a rural residential and agricultural area. The facility currently employs approximately 25 truck drivers and 5 onsite mechanics. The Shenandoah facility has one large vehicle maintenance building, a barn, an office building, and a silo (no longer in use). The driveway and parking lot at the northern portion of the site is comprised of asphalt, while various other areas around the buildings are covered with gravel and vegetation. The Shenandoah facility has been in operation since 1967. The maintenance building was constructed in the 1960s and the barn is approximately 100 years old.

Shenandoah Recycling, Inc. is not currently registered as a hazardous waste transporter. The facility maintains and repairs trucks and repairs trash compactors onsite. Historically, the facility was a transporter of solid and hazardous wastes. The facility filed a Notification of Hazardous Waste Activity as a transportation and storage facility in July 1980, listing F006 as the only waste code handled. A November 1980, Part A hazardous Waste Permit Application indicated that the facility stored waste onsite until loads were full or the appropriate disposal facility documentation was completed. The Part A application indicated the site was a drum storage (S01) and tank storage (S02) facility that operated under Interim Status.

During a September 7, 2006 site visit, the facility owner stated that waste was never stored on the Shenandoah site except if inclement weather prohibited a driver from transporting the waste to a disposal facility.

Raw chemicals are stored in minor quantities at the facility and include motor oil, antifreeze, hydraulic fluid, truck wash soap, and windshield wiper fluid. The chemicals are stored in small drums and containers. The facility maintains two diesel fuel Aboveground Storage Tanks (ASTs). Two Underground Storage Tanks (USTs) have been removed from the site. Used oil is stored in small ASTs in the maintenance building. The facility maintains an inventory of various aerosol solvents for automotive use including brake cleaner, penetrant, paint, lubricant, carburetor cleaner, etc.. Waste oil and parts cleaning solvent are generated by the maintenance shop and recycled by burning onsite in a burner for heat.

Review of EPA and DEQ files and a site visit on November 7, 2006 by the EPA, Tetra Tech, and the DEQ identified two (2) known areas of concern (AOCs) and seven (7) Solid Waste Management Units (SWMUs) at the Shenandoah site. (See the Final RCRA CA Site Visit Report, dated March 2007, for further facility information.)

## RCRA CA Milestones

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To date, the following Resource Conservation and Recovery Act (RCRA) CA milestones have been completed at this facility:

- July 25, 1980 – Shenandoah Recycling, Inc. submitted a Notification of Hazardous Waste Activity.
- October 22, 1980 – Hazardous Waste Permit Application submitted by Shenandoah Recycling to US EPA.
- August 6, 1981 – US EPA letter sent to Shenandoah Recycling indicated it has completed processing the Hazardous Waste Permit Application and the facility has achieved interim status.
- March 10, 1982 – EPA formally requests submittal of a Part B application for Hazardous Waste Management Permit.
- November 8, 1982 – US EPA issues Notice of Violation letter for failure to submit Part B application for Hazardous Waste Management Permit.
- November 24, 1982 – An inspection was conducted at the Shenandoah Recycling facility and the facility was found to not be in total compliance with the Virginia Hazardous Waste Management Regulations.
- December 8, 1982 – Shenandoah submitted a Closure Plan for the facility.
- February 16, 1983 – Letter from Virginia Bureau of Hazardous Waste Management stating that the Closure Plan was accepted.
- June 6, 1983 – Letter from Shenandoah Recycling to US EPA stating it has dropped its interim status as a storage facility and the site was closed out by the Virginia Department of Health with the final inspection made on January 31, 1983.
- January 3, 1984 – Letter from Virginia Department of Health to Shenandoah indicating that based on information provided and a facility inspection, the facility has been properly closed.
- November 7, 2006 – RCRA CA site visit was performed by the EPA, the DEQ, and the EPA contracted consultant to evaluate the facility site, and to assess the facility regarding the potential need for CA.
- March 13, 2007 – Final RCRA CA Site Visit Report, dated March 2007, was submitted to the EPA and DEQ, by Tetra Tech EC, Inc.

Details and the supporting documentation regarding the above can be obtained by reviewing the files at DEQ's Central Office or by contacting the project managers' identified in this fact sheet.

## Environmental Indicator Status

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Under the Government Performance and Results Act (GPRA), the Environmental Protection Agency set national goals to address high priority RCRA CA facilities by the year 2008 and medium/low facilities by 2020. The EPA is evaluating two key indicators for each facility: *Current Human Exposures Under Control* and *Migration of Contaminated Groundwater Under Control*. The Facility is a low priority site and falls under this GPRA initiative.

The current Environmental Indicator Status for this facility is:

- *Human Exposures Controlled Determination:* The DEQ has not yet made a Human Health Environmental Indicator (HHEI) determination for the Facility. The HHEI determination is scheduled to be completed by September 30, 2009.
- *Release to Groundwater Controlled Determination:* The DEQ has not yet made a Groundwater Environmental Indicator (GWEI) determination for the Facility. The GWEI is scheduled to be completed by September 30, 2009.

## Contaminants

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No contaminants have been identified in the soil or groundwater pending investigation of the SWMUs and AOCs.

## Institutional Controls

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There are currently no institutional controls in place at this facility.

## Community Involvement

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Citizens' questions and concerns may be directed to the contact below. Also, the Administrative Record which contains all documents and information regarding the RCRA CA program for this facility are available for public review at the following location(s):

Virginia Department of Environmental Quality  
629 East Main Street  
Richmond, Virginia 23219  
Contact: Ryan J. Kelly

Phone: (804) 698-4045

The EPA will issue a public notice of a tentative determination and solicit comments prior to making a final Agency determination regarding final corrective action remedies at the facility.

## Government Contacts

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### **DEQ Project Manager**

Ryan J. Kelly  
Environmental Engineer  
Department of Environmental Quality  
629 East Main Street  
Richmond, VA 23219  
Phone: (804) 698-4045  
Fax: (804) 698-4234  
Email: [rjkelly@deq.virginia.gov](mailto:rjkelly@deq.virginia.gov)

### **EPA Project Manager**

Mr. Dennis Zielinski – 3LC20  
USEPA - Region 3  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: (215) 814-3431  
Email: [zielinski.denis@epa.gov](mailto:zielinski.denis@epa.gov)

For more information about EPA's CA program, including Environmental Indicators, please visit EPA's website at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm).

## Facility Contact

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The facility contact, as listed in the RCRA Site Visit Report (March 2007), is:

Mr. Richard Heinrich  
Phone: (540) 248-1455

## Fact Sheet Update

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The next fact sheet update is scheduled for July 2009.